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| **Oil and Gas Pipeline Fundamentals** | **Oil and Gas Pipelines for NonTechnical Professionals** |
| **Audience:** Technical and operations people who are new to pipelines or to a technical or operations role. Roles included operations, maintenance, engineering, technical, scada, controls, and the like. | **Audience:** Those who are employed by oil and gas pipeline companies in accounting, financial, and other support capacities such as HR, legal, supply chain and PR, and for those who work for companies which provide support services, support products, and software to oil and gas pipeline companies. |
| **Topics** | **Topics** |
| 1. The Energy Pipeline Industry
 | 1. The Energy Pipeline Industry
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| 1. Equipment and Components
 | 1. Equipment and Components
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| 1. Field Operations
 | 1. Field Operations
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| 1. Integrity 1 – What Causes Releases
 | 1. Integrity 1 – What Causes Releases
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| 1. Integrity 2 – Preventing Releases
 | 1. Integrity 2 – Preventing Releases
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| 1. Regulations
 | 1. Regulations
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| 1. Central Control Room Operations
 | 1. Central Control Room Operations
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| 1. Introduction to SCADA and Controls
 | 1. Introduction to SCADA and Controls
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| 1. Introduction to Pipeline Construction
 | 1. Introduction to Pipeline Construction
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| 1. Pipeline Economics
 | 1. Pipeline Economics
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| 1. Introduction to Hydraulics
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| 1. Introduction to Leak Detection
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| 1. Integrity 3 – Finding and Repairing Defects
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| 1. Introduction to Engineering and Design
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| Oil and Gas Pipeline Fundamentals is 2 days in length, and covers the 14 topics listed. Oil and Gas Pipelines for NonTechnical Professions is 1.5 days in length and covers the 10 topics shown on the table. The two classes are often taught concurrently in which case those attending Oil and Gas Pipelines for NonTechnical Professionals adjourn around lunch time and those attending Oil and Gas Pipeline Fundamentals remain for other 4 more technical topics.  |